

AMENDED VERSION

IN THE CLAIMS:

1. (Currently Amended) ~~A~~An isolated or recombinant immunogenic polypeptide comprising ~~a *Lawsonia spp.* hemolysin polypeptide consisting of~~ SEQ ID NO. 1.

2. (Currently Amended) The ~~isolated or~~ recombinant immunogenic polypeptide of claim 1 wherein said polypeptide elicits the production of antibodies against *Lawsonia spp.* when administered to an avian or porcine animal.

3. (Currently Amended) The ~~isolated or~~ recombinant immunogenic polypeptide of claim 1 which confers a protective immune response against *Lawsonia spp.* when administered to an avian or porcine animal.

4. (Currently Amended) The ~~isolated or~~ recombinant immunogenic polypeptide of claim 1 wherein the polypeptide is a recombinant form of *Lawsonia spp.* ~~is *L. intracellularis*.~~

Claims 5 - 48 (Canceled)